

Amendments to the Claims:

1. (currently amended) A method of determining frequency planning measurement data in a cellular communications system using different neighbor lists allocated to different mobile stations, comprising the steps of:

allocating different test frequencies in the different neighbor lists for substantially each call conducted by a base station of the cellular communication system ~~to provide measurement data for frequency planning;~~

wherein the different neighbor lists are allocated to different mobile stations on a per call basis to cover, over a plurality of calls, substantially all the test frequencies for the cell served by the base station; and

repeating, on a cyclical basis comprising repeated calls, the allocation of the different neighbor lists on a per call basis covering substantially all the test frequencies.

2. (previously presented) A method according to claim 1, wherein different neighbor lists are allocated by the same base station to different mobile stations for respective calls that overlap in time.

3. (cancelled).

4. (currently amended) A method according to claim 1, wherein a different neighbour list ~~(208, 210, 212)~~ is allocated for each of a predetermined number of calls conducted by a base station ~~(28)~~ of the cellular communications system ~~(1)~~, compared to the predetermined number of directly preceding calls.

5-6. (cancelled).

7-8. (cancelled)

9. (currently amended) An apparatus for determining frequency planning measurement data in a cellular communications system using different neighbor lists allocated to different mobile stations, comprising:

means for allocating different test frequencies in the different neighbor lists for substantially each call conducted by a base station (28) of the cellular communication system to provide measurement data for frequency planning;

wherein the means for allocating different neighbor lists are adapted to allocate the different neighbor lists to different mobile stations on a per call basis to cover, over a plurality of calls, substantially all test frequencies for the cell served by the base station; and

means for repeating, on a cyclical basis comprising repeated calls, the allocation of the different neighbor lists on a per call basis covering substantially all the test frequencies.

10. (currently amended) An apparatus according to claim 9, wherein the means for allocating different neighbor lists are adapted to allocate different neighbor lists from the same base station to different mobile stations for respective calls that overlap in time.

11. (cancelled).

12. (currently amended) An apparatus according to claim 9, wherein the means for allocating different neighbour lists are adapted to allocate a different neighbour list ~~(208, 210, 212)~~ for each of a predetermined number of calls conducted by a base station ~~(28)~~ of the cellular communications system~~(1)~~, compared to the predetermined number of directly preceding calls.

13-14. (cancelled).

15-17. (cancelled)